

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail****Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
(703) 746-4000**or **Fax**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

26111

7590

04/02/2004

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 NEW YORK AVENUE, N.W.  
WASHINGTON, DC 20005



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

|                    |
|--------------------|
| (Depositor's name) |
| (Signature)        |
| (Date)             |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/266,935      | 03/12/1999  | WU-BO LI             | 0942.4560001        | 6420             |

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ENHANCED SYNTHESIS OF NUCLEIC ACID MOLECULES

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1330    | \$0             | \$1330           | 07/02/2004 |

| EXAMINER     | ART UNIT | CLASS-SUBCLASS |
|--------------|----------|----------------|
| RILEY, JEZIA | 1637     | 435-006000     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 STERNE, KESSLER,  
2 GOLDSTEIN & FOX P.L.L.C.  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Invitrogen Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Carlsbad, CA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☐ Publication Fee☒ Advance Order - # of Copies Ten (10)

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☒ Payment by credit card. Form PTO-2038 is attached.☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) \_\_\_\_\_ (Date)

Brian J. Del Buono, Reg. #42,473 07-02-04

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

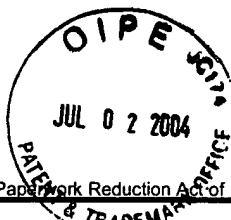
This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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07/07/2004 BSAYAS12 00000081 09266935

01 FC:1501  
02 FC:80011330.00 OP  
30.00 OP

TRANSMIT THIS FORM WITH FEE(S)



PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 1,360.00

**Complete if Known**

|                      |                          |
|----------------------|--------------------------|
| Application Number   | 09/266,935               |
| Filing Date          | March 12, 1999           |
| First Named Inventor | Wu-Bo LI                 |
| Examiner Name        | Riley, J.                |
| Art Unit             | 1637                     |
| Attorney Docket No.  | 0942.4560001/RWE/BJD/JKM |

**METHOD OF PAYMENT** (check all that apply)☐ Check ☒ Credit card ☐ Money Order ☒ Other\*\* ☐ None☐ \*\*Charge any deficiencies or credit any overpayments in Deposit Account: the fees to Deposit Acct. No. 19-0036Deposit Account Number  
Deposit Account Name

19-0036

Sterne, Kessler, Goldstein &amp; Fox P.L.L.C.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity | Small Entity | Fee Description        | Fee Paid   |
|--------------|--------------|------------------------|------------|
| Fee Code     | Fee Code     |                        |            |
| 1001 770     | 2001 385     | Utility filing fee     |            |
| 1002 340     | 2002 170     | Design filing fee      |            |
| 1003 530     | 2003 265     | Plant filing fee       |            |
| 1004 770     | 2004 385     | Reissue filing fee     |            |
| 1005 160     | 2005 80      | Provisional filing fee |            |
| SUBTOTAL (1) |              |                        | (\$ ) 0.00 |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

|                    | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| Total Claims       | -33 **=      | X              |          |
| Independent Claims | -3 **=       | X              |          |
| Multiple Dependent |              |                |          |

| Large Entity | Small Entity | Fee Description  |
|--------------|--------------|--|
| Fee Code     | Fee Code     |  |
| 1202 18      | 2202 9       | Claims in excess of 20                                     |
| 1201 86      | 2201 43      | Independent claims in excess of 3                          |
| 1203 290     | 2203 145     | Multiple dependent claim, if not paid                      |
| 1204 86      | 2204 43      | ** Reissue independent claims over original patent         |
| 1205 18      | 2205 9       | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

| Fee Code                                     | Fee (\$) | Fee Code    | Fee (\$) | Fee Description  | Fee Paid       |
|--|----------|-------------|----------|--|----------------|
| 1051 130                                     |          | 2051 65     |          | Surcharge - late filing fee or oath  |                |
| 1052 50                                      |          | 2052 25     |          | Surcharge - late provisional filing fee or cover sheet                     |                |
| 1053 130                                     |          | 1053 130    |          | Non-English specification  |                |
| 1812 2,520                                   |          | 1812 2,520  |          | For filing a request for <i>ex parte</i> reexamination                     |                |
| 1804 920*                                    |          | 1804 920*   |          | Requesting publication of SIR prior to Examiner action                     |                |
| 1805 1,840*                                  |          | 1805 1,840* |          | Requesting publication of SIR after Examiner action                        |                |
| 1251 110                                     |          | 2251 55     |          | Extension for reply within first month                                     |                |
| 1252 420                                     |          | 2252 210    |          | Extension for reply within second month                                    |                |
| 1253 950                                     |          | 2253 475    |          | Extension for reply within third month                                     |                |
| 1254 1,480                                   |          | 2254 740    |          | Extension for reply within fourth month                                    |                |
| 1255 2,010                                   |          | 2255 1,005  |          | Extension for reply within fifth month                                     |                |
| 1401 330                                     |          | 2401 165    |          | Notice of Appeal   |                |
| 1402 330                                     |          | 2402 165    |          | Filing a brief in support of an appeal                                     |                |
| 1403 290                                     |          | 2403 145    |          | Request for oral hearing   |                |
| 1451 1,510                                   |          | 1451 1,510  |          | Petition to institute a public use proceeding                              |                |
| 1452 110                                     |          | 2452 55     |          | Petition to revive - unavoidable   |                |
| 1453 1,330                                   |          | 2453 665    |          | Petition to revive - unintentional   |                |
| 1501 1,330                                   |          | 2501 665    |          | Utility issue fee (or reissue)   | 1,330.00       |
| 1502 480                                     |          | 2502 240    |          | Design issue fee   |                |
| 1503 640                                     |          | 2503 320    |          | Plant issue fee  |                |
| 1460 130                                     |          | 1460 130    |          | Petitions to the Commissioner  |                |
| 1807 50                                      |          | 1807 50     |          | Processing fee under 37 CFR 1.17(q)  |                |
| 1806 180                                     |          | 1806 180    |          | Submission of Information Disclosure Stmt                                  |                |
| 8021 40                                      |          | 8021 40     |          | Recording each patent assignment per property (times number of properties) |                |
| 1809 770                                     |          | 2809 385    |          | Filing a submission after final rejection (37 CFR 1.129(a))                |                |
| 1810 770                                     |          | 2810 385    |          | For each additional invention to be examined (37 CFR 1.129(b))             |                |
| 1801 770                                     |          | 2801 385    |          | Request for Continued Examination (RCE)                                    |                |
| 1802 900                                     |          | 1802 900    |          | Request for expedited examination of a design application                  |                |
| Other fee (specify) Advance copies of patent |          |             |          |  | 30.00          |
| *Reduced by Basic Filing Fee Paid            |          |             |          |  |                |
| SUBTOTAL (3)                                 |          |             |          |  | (\$ ) 1,360.00 |

**SUBMITTED BY**

(Complete if applicable)

|                   |                    |                                   |              |           |                |
|-------------------|--------------------|-----------------------------------|--------------|-----------|----------------|
| Name (Print/Type) | Brian J. Del Buono | Registration No. (Attorney/Agent) | 42,473       | Telephone | (202) 371-2600 |
| Signature         |                    | Date                              | July 2, 2004 |           |                |

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Federal Agencies

July 2, 2004

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PO Box 1450  
Alexandria, VA 22313-1450

**Mail Stop Issue Fee**

Re: Allowed U.S. Utility Patent Application  
Appl. No. 09/266,935; Filed: March 12, 1999  
For: **Compositions and Methods for Enhanced Synthesis of Nucleic Acid  
Molecules**  
Inventors: LI *et al.*  
Our Ref: 0942.4560001/RWE/BJD/JKM

Sir:

In response to the **Notice of Allowance and Issue Fee Due** dated April 2, 2004, the following documents are forwarded for appropriate action by the U.S. Patent and Trademark Office:

1. Issue Fee Transmittal (Form PTOL-85B);
2. Fee Transmittal (Form PTO/SB/17);
3. PTO-2038 Credit Card Payment Form for \$1,360.00 to cover:  
\$1,330.00 Issue Fee;  
\$ 30.00 Advance copies of patent; and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under

Commissioner for Patents  
July 2, 2004  
Page 2

37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Brian J. Del Buono  
Attorney for Applicants  
Registration No. 42,473

BJD/JKM/bac:nef  
Enclosures

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